

Pesticide Use Justification Form — Arroyo Park Pool & Manor Pool 2023

Applicant Information:

Parks and Community Services

ParksMakeLifeBetter@cityofdavis.org

530-757-5656

Pesticide: Ortho Weed B Gone

Proposed Dates of Use: February 6, 2023 — December 31, 2023

Products (WI active ingredients): Ortho Weed B Gone: 2,4-D, dimethylamine salt, Quinclorac, Dicamba dimethylamine salt

EPA Reg#: 239-2689

Pesticide Type: Herbicide

City Use Type: Tier 1, Hazardous, Most Restrictive

Street Address/Site Name: Arroyo Park Pool and Manor Pool

Detailed Location of Application Site: Turf surrounding the pool

Posting and Notification: A notice of 72 hours will be given before the application. No applications will be in the vicinity of playgrounds, schools or picnic areas. Additionally, this area can be locked down restricting the use of pedestrian traffic.

Target Pests: Clover

Justification for Use: This herbicide use is warranted, due to the number of invasive clover and foreign grasses that are growing throughout the turf area that surrounds the pool at Arroyo Park. City of Davis staff have attempted to mitigate the clover with mechanical control, primarily mowing and string trimmers, as well as a previous application of herbicide this past spring. Although this previous herbicide application was marginally successful, the clover that continues to grow attracts bees and other insects that have proven to be problematic and harmful for program users.

Explanation of IPM Methods Used: As previously stated, Park staff have completed mechanical (string trimmers and mowers) and one herbicide application in efforts to eradicate the clover. The mechanical attempts have been temporary, at best, as the

clover continues to grow at a much faster pace than the turf, giving it a higher chance of flowering. The herbicide application that was completed this past spring showed improvement in the reduction of clover, but the complete eradication was unsuccessful.

Strategies to Prevent Future Applications: A complete and routine turf maintenance program is currently in effect: this includes over seeding, in efforts to out-compete the clover, allowing the turf to thrive and lessen the chances of clover growth. Cultural methods, including irrigation timing and amounts, will be investigated to determine if effective to reduce clover growth.

Additional comments:

Richard Tsai and John McNerney have reviewed this pesticide use justification and find it to be sound.

ERD Approval: Richard Tsai _____ Date: February 3, 2023

CMO approval:



Date: 2/7/23